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PTO/SB/05 (08-00)

JC914 U.S. PTO
09/726643
12/01/00

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 402]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets]
- Unexecuted Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: PCT/US00/15187, filed June 2, 2000, which claims benefit under 35 U.S.C. § 119(e) based on U.S. Provisional Application No. 60/137,725 filed June 7, 1999.

Prior application information: Examiner: Group/Art Unit:
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 22195 or Correspondence address below

NAME			
ADDRESS			
CITY	STATE		ZIP CODE
COUNTRY	TELEPHONE		FAX
NAME (Print/Type)	Registration No. (Attorney/Agent) 40,302		
SIGNATURE	Date December 1, 2000		

Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL
for FY 2001***Patent fees are subject to annual revision.**Complete if Known*Total amount of payment **(\$844.00)**

Application Number	Unassigned
Filing Date	December 1, 2000
First Named Inventor	Ruben et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	PZ040P1

METHOD OF PAYMENT (CHECK ONE)1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:Deposit Account **08-3425**

Number

Deposit Account **Human Genome Sciences, Inc.**
Name Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17 Applicant claims small entity status
See 37 CFR 1.272. Payment Enclosed:
 Check Credit Card Money Order OtherCharge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. **08-3425****FEE CALCULATION (CONTINUED)**

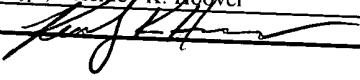
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late provisional filing fee or cover sheet	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive -unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	190	169	900	Request for expedited examination of a design application	

*Reduced by Basic Filing Fee Paid

Subtotal (3)

\$

1. BASIC FILING FEE				
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description
101	710	201	355	Utility filing fee
106	320	206	160	Design filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional filing fee
Subtotal (1)				\$710.00
2. EXTRA CLAIM FEES				
Total claims	23	Extra	Fee from below	Fee Paid
Indep.claims	4	- 20**	3	\$54.00
Multiple Dependent		- 3**	1	\$80.00
Other fee (specify):				
Other fee (specify):				
Subtotal (2) (\$844.00)				

Submitted ByName (Print/Type) **Kenley K. Hoover**Signature: Complete (if applicable)
Registration No.: **40,302** Telephone **301-309-8504**
Date **December 1, 2000**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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